

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-10 (canceled).

Claim 11 (new): A high-frequency composite component comprising:
a switch for selectively switching a signal path between an antenna terminal and a transmission-side input terminal and a signal path between the antenna and a reception-side balanced output terminal;
an LC filter including an inductor and capacitors disposed between the antenna terminal and the transmission-side input terminal;
a surface acoustic wave filter disposed between the switch and the reception-side balanced output terminal; and
a matching element including an inductor and capacitors disposed between the surface acoustic wave filter and the reception-side balanced output terminal; wherein
the switch, the LC filter, the surface acoustic wave filter, and the matching element are integrated in a laminated block including a plurality of laminated dielectric layers.

Claim 12 (new): A high-frequency composite component according to Claim 11, wherein the inductor of the matching element is disposed in a first area of the laminated block, and the inductor and the capacitors of the LC filter are disposed in a second area different from the first area as viewed from above the laminated block.

Claim 13 (new): A high-frequency composite component according to Claim 11, wherein the inductor of the matching element is mounted on the surface of the laminated block, and the inductor and the capacitors of the LC filter are disposed inside the laminated block.

Claim 14 (new): A high-frequency composite component according to Claim 11, wherein a ground electrode is disposed between the inductor of the matching element and the inductor and the capacitors of the LC filter.

Claim 15 (new): A high-frequency composite component according to Claim 11, wherein a shunt capacitor of the capacitors of the LC filter is disposed in the vicinity of the lowermost layer of the laminated block.

Claim 16 (new): A high-frequency composite component according to Claim 11, wherein the inductor and the capacitors of the matching element are provided on the surface of the laminated block, and the inductor of the matching element is disposed so as to be directly next to the capacitors of the matching element with no other element therebetween.

Claim 17 (new): A high-frequency composite component according to Claim 11, wherein the surface acoustic wave filter is a balanced-type surface acoustic wave filter having balanced output ports, the inductor of the matching element is connected in parallel between the balanced output ports, and the capacitors of the matching element are connected in series to the balanced output ports.

Claim 18 (new): A high-frequency composite component according to Claim 11, wherein the surface acoustic wave filter is an unbalanced-type surface acoustic wave filter having unbalanced output ports, and the inductor and the capacitors of the matching element define a balun.

Claim 19 (new): A high-frequency composite component according to Claim 11, wherein the inductor of the matching element does not overlap with the inductor and the capacitors of the LC filter as viewed from above the laminated block.

Claim 20 (new): A high-frequency composite component comprising:

an antenna terminal including a rear stage;

a diplexer disposed at a rear stage of the antenna terminal that branches a signal path for a first frequency band and a signal path for a second frequency band different from the first frequency band;

in the signal path for a first frequency band, a first switch for selectively switching a signal path between the antenna terminal and a first transmission-side input terminal and a signal path between the antenna terminal and a first reception-side balanced output terminal, a first LC filter having an inductor and capacitors disposed between the first switch and the first transmission-side input terminal, a first surface acoustic wave filter disposed between the first switch and the first reception-side balanced output terminal, and a first matching element having an inductor and capacitors disposed between the first surface acoustic wave filter and the reception-side balanced output terminal;

in the signal path for a second frequency band, a second switch for selectively switching a signal path between the antenna terminal and a second transmission-side input terminal and a signal path between the antenna terminal and a second reception-side balanced output terminal, a second LC filter having inductors and capacitors disposed between the second switch and the second transmission-side input terminal, a second surface acoustic wave filter disposed between the second switch and the second reception-side balanced output terminal, and a second matching element having an inductor and capacitors disposed between the second surface acoustic wave filter and the second reception-side balanced output terminal are provided; wherein

the diplexer, the first and second switches, the first and second LC filters, the first and second surface acoustic wave filters, and the first and second matching elements are integrated in a laminated block including a plurality of laminated dielectric layers.

Claim 21 (new): A high-frequency composite component comprising:
an antenna including a rear stage;

a diplexer disposed at the rear stage of the antenna terminal that branches a signal path for a first frequency band and a signal path for a second frequency band different from the first frequency band;

in the signal path for a first frequency band, a first switch for selectively switching a signal path between the antenna terminal and a first transmission-side input terminal and a signal path between the antenna terminal and a first reception-side balanced output terminal, a first LC filter having an inductor and capacitors disposed between the first switch and the first transmission-side input terminal, a first surface acoustic wave filter disposed between the first switch and the first reception-side balanced output terminal, and a first matching element having an inductor and capacitors disposed between the first surface acoustic wave filter and the first reception-side balanced output terminal;

in the signal path for a second frequency band, a second switch for selectively switching a signal path between the antenna terminal and a second transmission-side input terminal and a signal path between the antenna terminal and second and third reception-side balanced output terminals, a second LC filter having inductors and capacitors disposed between the second switch and the second transmission-side input terminal, a diplexer branching a signal path disposed between the second switch and the second reception-side balanced output terminal and a signal path disposed between the second switch and the third reception-side balanced output terminal, a second surface acoustic wave filter disposed between the diplexer and the second reception-side balanced output terminal, a second matching element having an inductor and capacitors disposed between the second surface acoustic wave filter and the second reception-side balanced output terminal, a third surface acoustic wave filter disposed between the diplexer and the third reception-side balanced output terminal, and a third matching element having an inductor and capacitors disposed between the third surface acoustic wave filter and the third reception-side balanced output terminal; wherein

the diplexer, the first and second switches, the first and second LC filters, the first, second, and third surface acoustic wave filters, and the first, second, and third

matching elements are integrated in a laminated block including a plurality of laminated dielectric layers.

Claim 22 (new): A high-frequency composite component comprising:
a switch for selectively switching a signal path between an antenna terminal and a transmission-side input terminal and a signal path between the antenna and a reception-side balanced output terminal;
an LC filter disposed between the antenna terminal and the transmission-side input terminal;
a surface acoustic wave filter disposed between the switch and the reception-side balanced output terminal; and
a matching element disposed between the surface acoustic wave filter and the reception-side balanced output terminal; wherein
the switch, the LC filter, the surface acoustic wave filter, and the matching element are integrated in a laminated block including a plurality of laminated dielectric layers.

Claim 23 (new): A high-frequency composite component according to Claim 22, wherein the matching element includes an inductor and a plurality of capacitors, and the LC filter includes an inductor and a plurality of capacitors.

Claim 24 (new): A high-frequency composite component according to Claim 23, wherein the inductor of the matching element is disposed in a first area of the laminated block, and the inductor and the plurality of capacitors of the LC filter are disposed in a second area different from the first area as viewed from above the laminated block.

Claim 25 (new): A high-frequency composite component according to Claim 23, wherein the inductor of the matching element is mounted on the surface of the

laminated block, and the inductor and the plurality of capacitors of the LC filter are disposed inside the laminated block.

Claim 26 (new): A high-frequency composite component according to Claim 23, wherein a ground electrode is disposed between the inductor of the matching element and the inductor and the plurality of capacitors of the LC filter.

Claim 27 (new): A high-frequency composite component according to Claim 23, wherein a shunt capacitor of the plurality of capacitors of the LC filter is disposed in the vicinity of the lowermost layer of the laminated block.

Claim 28 (new): A high-frequency composite component according to Claim 23, wherein the inductor and the plurality of capacitors of the matching element are provided on the surface of the laminated block, and the inductor of the matching element is disposed so as to be directly next to the plurality of capacitors of the matching element with no other element therebetween.

Claim 29 (new): A high-frequency composite component according to Claim 23, wherein the surface acoustic wave filter is a balanced-type surface acoustic wave filter having balanced output ports, the inductor of the matching element is connected in parallel between the balanced output ports, and the plurality of capacitors of the matching element are connected in series to the balanced output ports.

Claim 30 (new): A high-frequency composite component according to Claim 23, wherein the surface acoustic wave filter is an unbalanced-type surface acoustic wave filter having unbalanced output ports, and the inductor and the plurality of capacitors of the matching element define a balun.

Claim 31 (new): A high-frequency composite component according to Claim 23, wherein the inductor of the matching element does not overlap with the inductor and the plurality of capacitors of the LC filter as viewed from above the laminated block.